To: Coffey, Scott[CoffeySE@cdmsmith.com]; Allen, Elizabeth[allen.elizabeth@epa.gov]; Foster,

Malena L.[fosterml@cdmsmith.com]

From: Koch, Kristine

**Sent:** Thur 6/2/2016 3:13:21 PM

Subject: RE: Portland Harbor FS Section 4

We need the residual risk on the figures. Can we discuss LOE?

Kristine Koch Remedial Project Manager USEPA, Office of Environmental Cleanup

U. S. Environmental Protection Agency Region 10 1200 Sixth Avenue, Suite 900, M/S ECL-122 Seattle, Washington 98101-3140

(206)553-6705 (206)553-8581 (fax) 1-800-424-4372 extension 6705 (M-F, 8-4 Pacific Time, only)

**From:** Coffey, Scott [mailto:CoffeySE@cdmsmith.com]

Sent: Wednesday, June 01, 2016 3:42 PM

**To:** Allen, Elizabeth <allen.elizabeth@epa.gov>; Foster, Malena L. <fosterml@cdmsmith.com>;

Koch, Kristine < Koch.Kristine@epa.gov > **Subject:** RE: Portland Harbor FS Section 4

OK.

Deleting is easy peasy, but replacing the background values with these other values will require us to replot the charts in R-code.

We can do this, but I want Kristine's approval for this direction.

From: Allen, Elizabeth [mailto:allen.elizabeth@epa.gov]

Sent: Wednesday, June 01, 2016 3:10 PM

To: Coffey, Scott < Coffey SE@cdmsmith.com >; Foster, Malena L. < fosterml@cdmsmith.com >

Subject: FW: Portland Harbor FS Section 4

As clarification, add figure numbers to each figure (tables was a misprint). Background risks should be deleted, and replaced with residual risks, HIs, and HQs. I've attached the Appendix J tables I made, note that for RAO 2 there are different site-wide and river mile/SDU scale values. Let me know if this isn't clear.

E

From: Koch, Kristine

Sent: Wednesday, June 01, 2016 6:54 AM

To: Scott Coffey < coffeyse@cdmsmith.com >
Cc: Allen, Elizabeth < allen.elizabeth@epa.gov >

Subject: Portland Harbor FS Section 4

Scott – Here is the final version of Section 4 for you to have edited. Please update all quantities to match those being updated in Section 3.

I've attached some of the tables. I still need to work on Section 4.3 tables.

I've attached all the figure files. Here is their order, titles (note that some have changed) and any instructions.

4.1 - 1

Title: Benthic Risk Area Exceeding RAO 5 PRGs

Legend: change "above" to "greater than"

4.1-2

Title: Sediment Decision Units and Focus COCs

Legend: change "key" to "focus"

4.2-1(a-c) – Can you add the table numbers to the figure titles? For example:

4.2-1a. Residual Human Health Cancer Risk for RAO 1 at Year 0 – East – Rolling Avg 0.5 mile

If so, then delete line added at bottom of page.

4.2-2 RAO 2 cancer site-wide

4.2-3 (a-d) – again, can you add tables numbers to figures?

Delete the site-wide panel

4.2-4 RAO 2 Non-cancer Hazard site-wide

4.2-5(a-d) – RAO 2again, can you add tables numbers to figures?

Delete the site-wide panel

Delete "child" from all figures and titles

4.2-6 RAO 2 Non-cancer Hazard (Infant) site-wide

4.2-7(a-d) RAO 2- again, can you add tables numbers to figures?

Delete the site-wide panel

4.2-9(a-e) through 4.2-17(a-e) RAO 6 figures – again, can you add tables numbers to figures?

4.2-18, 20, 22, 24, 26, and 28 RAOs 4 & 8 Figures

4.2-19, 21, 23, 25, 27 and 29 RAO 5 Figures

Titles: Benthic Risk Area Exceeding RAO 5 PRGs – Alternative B

Let me know if you have any questions.

Thanks,

Kristine Koch Remedial Project Manager USEPA, Office of Environmental Cleanup

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